

Engineers Week

'Betterment Of Human Welfare'

Next week, February 16 through 22, has been designated as NATIONAL ENGINEERS WEEK. The activity is sponsored by the National Society of Professional Engineers, on a national basis; and locally, it is promoted by the chapters of the Tennessee Society (a unit of NSPE) in cooperation with other local chapters of the engineering societies. These local groups include the American Institute of Chemical Engineers, the American Society of Mechanical Engineers, the American Society of Tool and Manufacturing Engineers, the Institute of Electrical and Electronic Engineers, the Instrument Society of America, and the American Society for Metals. This year's theme of Engineers Week is "Engineering—Partner in Rebuilding Urban America" which is intended to emphasize the contributions made by the members of the engineering profession to the solution of the problems of urban America.

Activities in Oak Ridge next week will include displays in the windows of stores in the Downtown area provided by the various engineering societies . . . plus a gala banquet, set for next Thursday, February 20, at the Oak Ridge Holiday Inn. The buffet dinner will be served at 8 p.m., preceded by a social hour beginning at 7. Featured speaker will be H. L. Stuart of the Atlanta Rapid Transit Authority, who will speak on "The Role of Transportation in Urban Development." An accomplished speaker, Stuart's entertaining presentation should be of interest to both technical



and non-technical persons. All engineering personnel and their wives are urged to attend as all other interested persons. The cost of the ticket is \$5.25, and may be obtained from any of the local society representatives. (Y-12ers may obtain tickets and reservations from S. E. Groothuis, representing IEEE.)

The speaker, Stuart, served in the U.S. Army Air Force in World War II and held the rank of first lieutenant at the time of his discharge in 1946. A native of San Francisco, he holds a BS degree in business administration from the University of California at Berkeley, where he specialized in the fields of transportation and personnel. He is a licensed Interstate Commerce Commission Practitioner and a Certified Member of the American Society of Traffic and Transportation. He is a past member of the board of directors of the First National Bank in Appalachia, Virginia; past president of the Appalachian Traffic Club.

Continued on Page 4

'Atomic Medicine' Film Available

'Atomic Medicine,' a new film available for free loan from the Atomic Energy Commission here, highlights the increasing application of atomic energy for the diagnosis and treatment of disease.

This new 27-minute color movie, with Host-Narrator Walter Cronkite, was produced by CBS-News for the Union Carbide sponsored T.V. series "The 21st Century." It includes an interview with Dr. Glenn T. Seaborg, chairman of the AEC, who discusses the widespread usage of atomic energy in medical diagnosis and therapy.

Radioisotopes are explained, and are seen stored, handled, packaged and shipped at the AEC's Oak Ridge National Laboratory. The viewer learns that radioisotopes can be used for more than 70 diagnostic tests and that some 4,000 physicians diagnose and treat more than a million patients a year with radioisotopes.

The film shows "scanners" making diagnostic pictures through measurement of radioactivity, a radioactive-powered heart pacemaker, and a gamma camera filming a patient's brain. A prototype of atomic hospitals of tomorrow is shown, as well as various treatments for certain diseases in which conventional drugs or surgery could not be successfully used.

Prints of "Atomic Medicine," are available without cost except for return postage from the AEC's Motion Picture Film Library here.

Hensley, Marcum & Marshall Made Foremen In Assembly

Assembly Operations announces the promotion of three men February 1 to the rank of Assembly Foremen. They are Lilburn H. Hensley; James H. Marcum; and Fred Marshall.

Hensley, a native of Gainsboro, Tennessee, came to Y-12 in 1959 after working at the Oak Ridge Gaseous Diffusion Plant. Prior to his continuous service date of August 12, 1953, he was employed at the Bill Smith Machine Shop, Cookeville.

Hensley lives with his family at 209 Kelsay Drive, Kingston. Mrs. Hensley is the former Mary Huffer. They have two sons Thomas Lynn and Samuel Perry, both in Kingston High School.

The new foreman is a well-known bird hunter and has three dogs at present he is training.

James Marcum was born in Oneida, and lives at 244 Marquette Road, Oak Ridge. He also worked at ORGDP prior to coming to Y-12 January 11, 1960. A veteran of the U.S. Army, he served in Korea from 1950 until 1952. He worked at K-25 until 1955 and with the Home Beneficial Insurance Company before coming to Y-12.

Married to the former Norma Harris, he has a son James H., II; and a daughter Teresa.

He says he hunts a lot, fishes, bowls, and golfs when there's nothing else to do.

Fred Marshall born in Sugar Grove Valley, near Harriman, now lives at 301 E. Winchester Street, Rockwood.

He served in the U.S. Army on two different hitches . . . from 1943 until 1946 and again from 1948 until 1952.

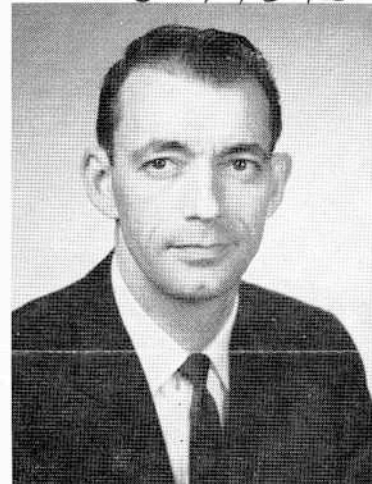
His csd with Union Carbide is December 1, 1954.

Mrs. Marshall is the former Billie Sue Boyd, and the couple has one small son Fred Jr.

Fishing, hunting and golf are also listed by Marshall as favorite avocations.



Lilburn H. Hensley
6-14242



James H. Marcum
6-14243



Fred Marshall

Bob Schede To Speak To IEEE On Lasers

The Oak Ridge Section of the Institute of Electrical and Electronics Engineers will meet tomorrow, Thursday, February 13, at 7:30 p.m., in the Green Room of the Ridge Recreation Hall.

Robert W. Schede, in the advanced systems group of the Fabrication Systems Development Department in Y-12, will speak on the "Use of Lasers on Machine Tools." Schede was born in Mt. Vernon, New York, and has a BS degree from Massachusetts Institute of Technology. He worked at the Oak Ridge Gaseous Diffusion Plant from 1946 until 1961 when he transferred to Y-12.

Princeton's Bertsch Is Joint Seminar Guest

A joint Physics-Electronuclear Division seminar tomorrow will feature G. F. Bertsch, Princeton University. His topic will be "Shell-Model Correlations."

The seminar is set for Thursday, February 13, at 3:15 p.m. in the East Auditorium of ORNL's 4500 building.

1968 One Of Y-12's Best Safety Years!

The year 1968 marked the seventh consecutive year that the disabling injury frequency rate fell below 1.00 disabling injury per million man-hours worked in Y-12. The total number of injuries reduced to a total of two, serious injuries reduced to a total of 114, and first aid injuries totaling 1,467. These reductions are significant to employees in the plant, not because they are record-breaking in themselves, but because they indicate a substantial reduction in pain and cost to all of us.

DON'T KNOCK IT!

Never knock love at first sight. A lot of us would never pass a second inspection!



ENGINEERS' WEEK IS OFFICIALLY acclaimed by the Governor of Tennessee, as a Y-12er looks on. In a ceremony recently Governor Buford Ellington recognized the week of February 17 as Engineers' Week. From left are James L. Howard, member, State of Tennessee Architectural & Engineering Examiners Board; Col. John C. Bell, District Engineer, U.S. Corps of Engineers; Frank Loomis, U.S. Geodetic Survey; Governor Ellington, Lloyd B. Jones, Construction and Estimating Engineering Department, Y-12; Harold Black, Avco Corp.; B. B. Winsett, Simmonds, Engineers, Memphis; and William Faris, Executive Director, Tennessee Society of Professional Engineers. The week in which George Washington's birthday falls is always traditionally Engineers' Week.

The Bulletin

Published Weekly For The
Y-12 Employees Of
UNION CARBIDE
CORPORATION



NUCLEAR DIVISION

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Member



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Industrial
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O. K. Melton Son Studies In Spain



Billy S. Melton

Billy Stephen Melton has been accepted for a six-months study centered in Madrid, Spain, under the Vanderbilt-in-Spain program. The program gives undergraduates the opportunity to develop greater fluency in the Spanish language and to continue studies for their BA degree in a region of the world rich in cultural resources. As part of the educational program, students will live in private Spanish homes and take part in planned group tours. The group left New York's Kennedy Airport, Saturday, February 8. They spent one day touring in Paris before arrival in Madrid.

Billy is a 1967 graduate of Roane County High School and has completed two years study in the college of liberal arts at the University of Tennessee, working on a double major . . . political science and Spanish. He has maintained a 3.66 overall average. Of the 15 participants in the program, Billy was the only UT student chosen.

The Meltons live at Route 2, Lenoir City. The father O. K. Melton is in Y-12's General Weld Shop.



Ride wanted from Hidden Valley (Middlebrook Pike) to Central or North Portal, straight day. H. L. Simmons, plant phone 3-7181, home phone Knoxville 584-5695.

Ride wanted from New York Avenue, Knoxville, to North Portal, straight day. E. D. Parker, plant phone 3-5732, home phone Knoxville 523-7462.

Karns Folks Are Developing Area

There's a lot of good Y-12ers involved in a worthwhile project across the river.

The Karns Lions Club recently purchased a 25-acre tract of land for the development of a community recreation park. The first facility to be completed will be an Olympic size pool. Plans are now under way for financing and constructing this very large project.

Pool memberships are now being sold by the Karns Lions Club to community residents for use beginning this summer. If all plans materialize the much needed pool will be ready by June.

"Pool memberships" now being sold are the family-life type. The cost of each membership is \$300 with no other annual charge, and entitles the family to use the pool from now on.

Any one interested in membership should contact any member of the Lions listed: C. V. Cope-land, 588-1586; C. W. Frazier, 588-0775; E. F. Gammon, 947-6057; C. H. Noe, 588-6149; C. J. Price, 588-6163.

And, furthermore, anyone looking for community spirit or prototypes of people involved in the upgrading of their neighborhood, might well look toward Karns.

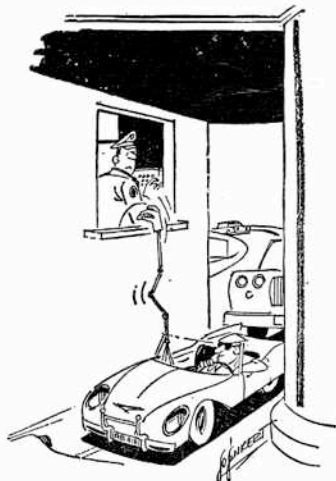
'Chalk Circle' Is Next Try-Out Set

An elaborate and colorful show will be the Oak Ridge Playhouse's fourth presentation this season. The play is "The Caucasian Chalk Circle" written by Bertolt Brecht. Try-outs will be staged Monday, February 17, at 7:30 p.m. at the Playhouse in Jackson Square. Auditions are, as always, open to everyone, and newcomers as well as Playhouse regulars are especially urged to attend these tryouts since the cast calls for 30 men and 18 women of all ages and types.

The central theme of the drama is the contention of two women for the possession of a child. Set in the Caucasus mountains bordering on Persia in medieval times, the tale takes place before a drunken, clownish but highly intelligent judge who must decide if the child should go to his real mother, a governor's aristocratic wife who abandoned him during a revolution, or one of her kitchen maids who rescued the baby and cared for him through any number of perils. Melodrama, farce, spectacle, tenderness, and gaiety all combined to make this one of Brecht's most popular plays.

Five performances are scheduled beginning Friday, April 25, and rehearsals will begin in early March. Further information may be obtained from Director Paul Ebert at Oak Ridge telephone 483-6193, or 483-1224.

Security is an individual responsibility—Yours!



'ONE MORE GUESS, MEN, AND YOU'RE OUT,' says Ramona Abernathy to a group of G.I.'s in Vietnam. Ramona, the daughter of D. T. Abernathy, Research Services, just recently returned from Asia where she worked as a Red Cross worker among the armed forces there. She is at their Loudon home, awaiting further assignment by the Red Cross.



A Happy Valentine to those Y-12ers who mark important milestones with Union Carbide Corporation . . . and congratulations, too!

25 YEARS

Roy R. Chilcoat, Buildings Grounds and Maintenance Shops, February 14.

Robert H. Clary, Process Maintenance, February 14.

James A. Martin, Ceramics and Plastics Development, February 15.

Nellie M. Parks, Superintendents Division, February 16.

Clyde T. Russell, Salvage Department, February 16.

Arthur O. Mitchell, Guard Department, February 16.

David H. Treece, Cafeteria, February 17.

15 YEARS

Everett F. Gambill, Technical Administration, February 15.

Carl F. McLarrin, Dimensional Inspection, February 15.

Fred Herrin, Gage Certification Laboratory, February 15.

George T. Pyle, Assembly Operations, February 16.

Ivan D. Gilley, Machine Maintenance, February 16.

Cecil N. Cook, General Shop Inspection, February 17.

Lawrence L. Ellis, General Machine Shop, February 17.

James Morgan, Utilities Administration, February 18.

10 YEARS

Donald E. Perkins, Beta Four Heavy Machine Shop, February 16.

Walter L. Easterday, Alpha Five Machine Shop, February 16.

Carl D. Zehner, General Shop Job Liaison, February 16.

ANSWER WAS NO

Definition of a protest march: Girl walking back from an auto ride.

Remember! The Bell Telephone is not to be used to discuss classified information.

Abernathy Daughter Completes Tour Of Duty In Vietnam For Red Cross

If you have a son, brother, or friend in Vietnam, the best thing you can do for him is write, says Ramona Abernathy, who recently returned from a tour of duty there with the American Red Cross. Ramona is the daughter of Don T. Abernathy, Research Services.

Ramona served with a unit consisting of 10 to 12 girls, visiting 14,000 American troops each month. They traveled by jet, helicopter, jeep, or any other means available in the Far East country. The special forces Red Cross workers operated temporary recreation centers where the USO and special services cannot go. They have ping-pong, pool, books, music and some arts and craft supplies. The centers are equipped to give the men a place to spend their off hours reading, writing, or just talking or sitting, and, in general, forgetting about the war.

Ramona usually got a roar of applause when she came out with a real Southern "How, you'all?" She said she met many soldiers from this area, and worked with another girl from Johnson City, also serving with the Red Cross. The expression "How short are you?" has nothing to do with your height, she points out. It means how many more days have you got on your stretch. From the general's office to the private's quarters, there is a calendar with each passing day circled, awaiting that happy day when the tour of duty ends.

The Vietnamese homes are simple . . . some of them made of flattened beer cans with dirt floors. The underdeveloped culture of Vietnam is the first thing you notice, Ramona points out. G.I.'s are not permitted to eat any food or drink any of the water the natives all consume. It seems many of the Vietnamese have developed an immunity to many of the vast unsanitary conditions existing in the country.

During her spare time, Ramona taught English to about 35 Vietnamese children, and in turn picked up some of the language from them. She tells the amusing

story of one of the children showing up one day with a lizard for lunch.

Adopted pets keep many of the men company, and the closeness between pet and man is obvious. Life is hardest for most of the boys from 19 to 21 years old, away from home for the first time, she says. Morale is the major problem overseas, Ramona observes.

Ramona is resting now at home awaiting further assignment from the American Red Cross.

She is particularly enjoying her visit home, and is awaiting further instructions from the Red Cross.

Morale-building among service men is only one of the many functions of the American Red Cross. It's good to know that some of our needed money from the United Fund goes to such causes.

(Editor's note: We are indebted to Cal Lunsford, Research Services, for furnishing us with the facts of the Abernathy story.)



KIMBERLY NELL Armstrong was welcomed recently by Mr. and Mrs. Earl Armstrong (Mother is Jymmie Sue Armstrong . . . on leave from the Electrical and Electronics Department.) The Armstrongs live in Knoxville. Kim also has an uncle, John Walton, in the Guard Department. She was named for her paternal grandmother.

Pistol Course Will Be Offered Here

The Oak Ridge Sportsman's Association—Rifle and Pistol Club will again offer the Basic Pistol course under the auspices of the National Rifle Association by NRA certified instruction and instructors at the ORSA indoor range.

Classes are two-hour periods held on Fridays from 7 to 9 p.m., beginning February 28 for six class periods (except April 4, which is Good Friday) at the indoor range and one class at the outdoor range on Saturday, April 12. Class size is limited to 20 students.

Only the .22 calibre target pistol is used and students are taught safety, handling, and target techniques for this growing sport. Students are awarded the NRA certificate upon completion of the course which prepares them for developing the skill needed to enter competitive matches.

The course also includes application of the traditional, legal, recreational, sportsmanship, and technical aspects of proper firearms ownership and responsibility. Age limit from 16 years up for those with normal physical abilities.

There is a small fee charged for targets and texts. About 200 .22 calibre long rifle standard velocity rounds will be needed for practice during the course. For further information and registration contact Vernon Raaen, extension 3-6973, ORNL; Bob Barnard, extension 3-3146, ORGDP; or Troy Burklow, extension 3-7705, Y-12.

Gambill And Wyatt Now Ping-Pong Tops

Leader Loyd Wyatt picked up two games last week in the X Table Tennis League, defeating Bill Motley.

Jerry Keyes took Jerry Goldstein for three . . . Herb Mook for two.

Steve Blum defeated Hugh Moore for the full three.

X League standings follow:

Player	W	L
Loyd Wyatt, Y-12	19	2
Bill Motley, Y-12	17	4
Herb Mook, ORNL	16	5
Jerry Keyes, Y-12	14	7
Jerry Goldstein, ORNL	6	15
Ariko Hirose, ORNL	5	16
Steve Blum, K-25	4	17
Hugh Moore, ORNL	3	18

In Y action, Gordon Brewer defeated Bob Smith for two, while Smith took three from Ken Toth. Jerry Manning won two from Francois Kertesz.

Y League standings follow:

Player	W	L
Ed Gambill, Y-12	15	3
Gordon Brewer, Y-12	17	4
Bob Smith, Y-12	11	4
Ken Toth, ORNL	8	7
Art Stewart, Y-12	5	4
Joe Lewin, ORNL	4	17
Francois Kertesz, ORNL	5	13
Jerry Manning K-25	4	17

Twisters In Safe Mixed Alley Lead

The Twisters kept a safe lead in the Mixed Bowling activities last week with a three-point victory at the expense of the Goofers. Taking four were the Rollers by the Mustangs and the McSprays over the Alley Cats. Sharing two points were the Roses 'N Thorns and the Hits & Misses.

Spence Ferguson, Twisters, took all male honors . . . singles of 219 scratch, 254 handicap . . . series of 546 and 651. Barbara Hackett, Roses 'N Thorns, zeroed in with singles of 181 scratch, 223 handicap. Her 477 scratch series tied those of Mildred Morris, Goofers. Barbara returned to the boards with 603 handicap series.

The Goofers gained scratch honors . . . singles of 666 and series of 1893. The Rollers rolled



B SHIFT RECENTLY STAGED ITS ANNUAL BOWLING PARTY which has become an old tradition among the Bers. Above the winners line up to receive their trophies . . . seated, from left are K. Barnett, O. K. Cioffelter, C. H. Jarvis, H. M. Burnett, C. W. Holbert and J. R. Helton. Standing are Carl Frazier, G. A. Yarborough, S. B. McSpadden, J. A. Wade, C. E. Simpson, J. T. Gallups, J. T. Riddle, J. O. Olvey and I. L. Hill.

Recreation

Monday, February 17
TABLE TENNIS: 7 p.m. Oak Ridge Wildcats' Den.
BOWLING: C League, 5:45 p.m., Ark Lanes.

PHYSICAL FITNESS: (For Women): 7:30 p.m., Oak Ridge High School Girls' Gym.
BASKETBALL: Beginning 6:30 p.m. Oak Ridge High School Gym. Bat Boys vs. Computes; Ail Stars vs. Butter Balls; Bums vs. Soul Men.

Tuesday, February 18
PISTOL LEAGUE: 6:15 p.m., Oak Ridge Sportsmen's Association.
BASKETBALL: Beginning 6:30 p.m. Oak Ridge High School Gym. Quarks vs. CC 69ers; Beta 2 Miners vs. Guess Who; Isotopes vs. Carbide Trojans.

PHYSICAL FITNESS: (For Men): 7:30 p.m., Oak Ridge High School Gym.
Wednesday, February 19
BASKETBALL: Beginning 6:30 p.m. Oak Ridge High School Gym. Carbide Trojans vs. Soul Men; Isotopes vs. Cavaliers; Beta 2 Miners vs. Computes.

Thursday, February 20
BOWLING: Classic League, 5:45 p.m. Ark Lanes.
ARCHERY LEAGUE: 5, 6 and 7 p.m. Indoor Range, Oak Ridge Sportsmen's Association.

VOLLEYBALL: Beginning 6:30 p.m. Oak Ridge High School Gym. Court A: Beta 4 Astros vs. Defects; Semanon vs. Ecobums; ORAU vs. Nemeses. Court B: M&C vs. Beavers; K-25 Hawks vs. Set-Ups; Naughts vs. Gashouse Gang.

Friday, February 21
WASHINGTON'S BIRTHDAY: Holiday for Y-12ers.

high handicap singles with an 816 . . . and the Twisters took series highs with 2335 handicap.

League standings follow:

Team	W	L
Twisters	21	3
Goofers	16	8
Roses 'N Thorns	14	10
Hits & Misses	13	11
Rollers	12	12
McSprays	10	14
Mustangs	7	17
Alley Cats	3	21

Y-12 CC 69ers Assume 2nd Place In Basket Action

Another Y-12 team moved up last week in the Basketball League, to threaten their fellow plantmen, the GBU's . . . as the CC 69ers made their move. They began the week's action by defeating the Bombers 46 to 40.

Big Jim Williams capped a fine performance by sinking seven straight foul shots in the last quarter . . . for a total of 27 points in the entire game.

Bud Lewis led the Bombers with 13, Herm Thomas and Tom Kress scored eight each.

The GBU team refused to give ground in Monday's second game, defeating the Butter Balls 52 to 36. The GBU showed with some of their stars missing and were hard pushed for three quarters, but blasted the game wide open with a big 22-point fourth quarter out-p.

Doug Raymer scored 20 big winning joints; Fred Wetzel 11. Bobby Belt led the losers with 14.

A determined effort by the Dag Mops came to no avail as the Cavaliers overcame them 42 to 23. Thanks to a 19-point fourth quarter, the Cavaliers managed to put down a determined Dagmop team. Don Bennet led scoring with 12.

The Cavaliers opened Tuesday's action with dropping one to the Bat Boys 40 to 35. The Boys saw everyone in the scoring act . . . Dave Hendrickson and Chuck Davies tallying with eight each.

Don Bennett led the Cavaliers with 15.

The Computes put the Bio-Meds down efficiently 72 to 50, after a determined second quarter effort. Larry Finch took the scoring lead with 28; Jim Treadway came second with 23.

For the unlucky squad it was Paul Selby and Bill Olson with 17 and 18 each. The Quarks, again led by Ray Leffler, outguessed the Guess Who's 51 to 43. Don Ferree accounted for 14 of the points, along with Ray's 21.

On the losing squad it was John Gilbert with 12.

The Bat Boys beat the Soul Men via forfeit.

Wednesday's action came suddenly as the Bums were treated

New Rockfish Limits Set By Game & Fish

The Game and Fish Commission has issued new regulations on the state's newest game fish . . . the rockfish. Effective the first of the year, only those rockfish 15 inches or longer may be legally kept. The daily creel limit stays at two.

The rockfish is described as resembling our native white bass, or "stripe." But the rockfish is easily identified by his slim, torpedo shape, and heavy black lines down both sides that extend right to the base of the tail fin. In contrast, the white bass has a deep body, similar to the crappie, and his back is highly arched.

like Bums by the Isotopes . . . the big I team winning 48 to 24. The Isotopes toyed in the first half, but gave up the cat-and-mouse-game to pour it on in the last half, completely outclassed the Bums with balanced scoring. Jim Gibson came up with 12 points; Quenten Long, 10.

The Beta 2 Miners made it by the Trojans 58 to 53, playing with only five men showing. The Milligan brothers scored five straight foul shots to win the game in the last minute . . . giving Ron a scoring edge of 15. Jim scored 12 . . . and John Scott tallied 13 . . . all for the Miners. The Trojans saw Tommy Davis pull a Pistol Pete act with 30 big ones, mainly on jump shots.

The Ail Stars completely outclassed the Cobalts in the week's final action 71 to 40.

The Cobalts were game but Noel Crame, John White and Ed Ford were in no mood for 'games' as they repeatedly stole the ball for the fast-break lay-ups. White dropped 23 points through; Ford 14; Crame 13.

League standings follow:

Team	W	L
GBU's, Y-12	9	0
CC 69ers, Y-12	7	1
Computes, ORNL	7	1
Bombers, ORNL	7	2
Bio-Meds, ORNL	7	3
Ail Stars, Y-12	6	4
Quarks, Y-12	6	4
Cavaliers, ORNL	6	5
Beta 2 Miners, Y-12	5	4
Butter Balls, ORNL	5	5
Cobalts, K-25	4	5
Isotopes, ORNL	4	5
Bums, Y-12	3	6
Carbide Trojans, K-25	3	6
Bat Boys, Y-12	2	8
Dagmops, ORNL	1	8
Guess Who, ORNL	1	8
Soul Men, ORNL	0	9

Bill Ladd Rolls Like A Demon

The Tigers keep a five-point lead in the Classic Bowling set, even after sharing two points last week with the Markers.

Only two sweeps took place as the Smelters sank the Screwballs and the Has Beens rolled by the Rippers. Posting three were the Pinbusters over the Eightballs, the Swingsters by the Splinters, the Rebels over the Eagles and the Bumpers past the Playboys.

The Cubs and All Stars shared two.

Bill Ladd, Swingsters, rolled like he owned the alleys . . . singles of 244 scratch, 251 handicap . . . series of 654 scratch, 675 handicap. The Swingsters collected high singles in scratch, 979. The Bumpers were best in handicap count . . . 1092. The Swingsters returned to the boards with series' highs . . . 2781 scratch, 3048 handicap.

League standings follow:

Team	W	L
Tigers	23	5
Pinbusters	18	10
Smelters	17	11
Splinters	16	12
All Stars	16	12
Swingsters	15	13
Has Beens	15	13
Rebels	14	14
Rippers	13½	14½
Screwballs	13	15
Eagles	13	15
Bumpers	12½	15½
Markers	12	16
Cubs	10	18
Playboys	9	19
Eightballs	6	22

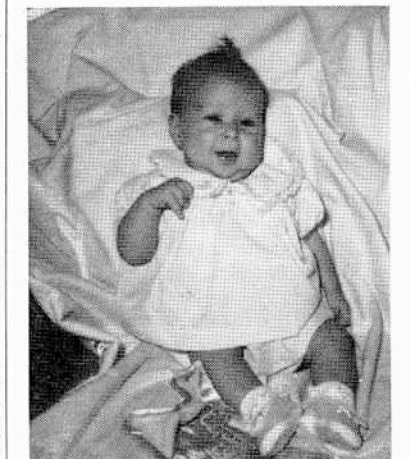
Volleyball Is Beaver-Country

Volleyball action continued last week in a raging clip . . . as Court A action opened on the Ecobums defeating the Old Men 15-12 . . . but the elders returned to win the rest of the sets 15-11, 15-12 and 15-6. The Nemeses proved just that for the Beta 4 Astros, downing them 15-3, 15-3, 15-2 and 15-6. The Beavers, from Y-12, continued their merry way defeated the Semanon 15-4, 15-3, 15-8 and 15-7.

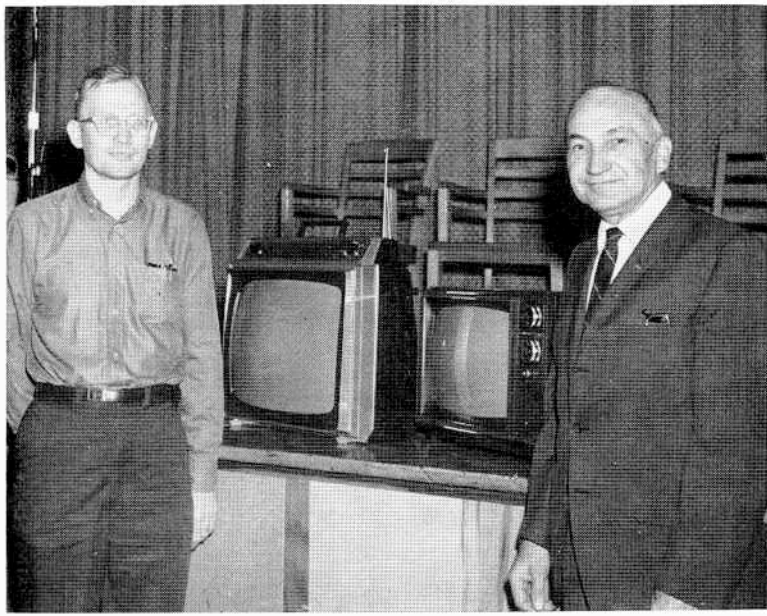
On Court B, the Set-Ups ousted ORAU 15-8, 15-5, 15-1 and 15-4. The Gashouse Gang took two from the Metals & Ceramics team 15-5, 16-14 . . . while the M&C crowd won games two and four 15-3, 15-10. The K-25 Hawks clipped the Naughts 15-9, 15-3, 15-10 and 15-8.

League standings folow:

Team	W	L
Beavers, Y-12	31	1
Nemeses, K-25	25	7
Old Men, ORNL	25	11
Semanon, ORNL	21	11
Ecobums, ORNL	21	11
K-25 Hawks	23	13
Defects, ORNL	20	12
Set-Ups, ORNL	19	13
M & C, ORNL	8	24
ORAU	7	25
Gashouse Gang, K-25	8	28
Naughts, ORNL	5	31
Beta 4 Astros	3	29



THE JEAN PAUL Parkers, Kingston, proudly announce the birth of daughter Lisa Michelle November 15. J. P. is in the F area H-2 Shops, 9212. Little Michelle is their first, and a beauty too, isn't she?



GERALD PIERCE AND MIKE SHEMANSKI are the proud owners of new television portables, given away as door prizes at the Credit Union's annual meeting, held Thursday, January 30 at Robertsville Junior High School, Oak Ridge. Pierce, in Y-12's Production Assay, took the black and white television; Shemanski, in General Plant Tooling Coordination, walked away with the handsome color set. Congratulations.

Credit Union Shows Assets New High ... Near \$7 Million

Many Y-12ers braved the mid-winter 'monsoons' to attend the Credit Union's annual meeting, held Thursday, January 30 in Oak Ridge.

"Change is probably the one word which best describes the Y-12 Credit Union," pointed out C. V. Ketron, president, in his report of the board of directors. The Federal Credit Union Act was amended in 1968 to permit greatly liberalized loan policies. Y-12's credit organization was quick to take advantage of the provisions of the new act, providing larger repayment periods on certain types of secured loans. (Loans increased by \$367,956.40 last year ... and share increased by \$154,797.74.)

Since the Credit Union was organized in June of 1950, the credit committee has authorized some \$59,000,000 in loans to members throughout the years. (Of this amount, only \$110,716 stands as uncollectable, for a remarkably low percentage of .18%.)

The Credit Committee last year alone processed 6,507 loans. The total amount of approved applications was \$6,901,224.82 ... with a very small number of loan applications being rejected. Many Y-12ers have multiple loans, bringing their entire borrowing needs to their own organization.

Assets in Y-12's Credit Union climbed to an all-time high last years of \$6,859,281.09.

Another one of the changes, it was pointed out, in the 1968 federal law, is the allowance of posting dividends on a quarterly basis. With the first quarter of 1969, dividends will be posted to members' share accounts on a quarterly basis. (A five percent dividend was paid for the eleventh consecutive year, on a semi-annual basis.) Compounding the dividends on a quarterly basis will allow membership a somewhat higher than five percent income on their shares.

The staff of the Credit Union converted the bookkeeping system from a manual one to an 'on-line' computer during the latter part of 1968. This allows the posting of the quarterly dividends feasible.

Board members elected at the annual meeting included C. V. Ketron, Mrs. Lorena Causey, and L. R. Loveless. Nominating committee chairman W. E. Heckert made the recommendation that

the three board members be re-elected, and their election was unanimous.

J. Mullens Petty, a new addition to the staff of the Credit Union, was elected to the Credit Committee.

G. V. Pierce and Mike Shemanski won the door prizes ... a black and white portable television, and color one.

Various committee chairmen ... supervisory, credit, and board of directors gave their 1968 reports.

Nearing its 20th birthday, the Y-12 Credit Union pledges bigness to its members ... not so much in assets or in number of loans, but in bigness of service.

Remember, the CREDIT UNION is YOURS ... USE IT!

DIZZY DEFINITION

Intoxication: When you feel sophisticated, but can't pronounce it.

Engineers Week

Continued from Page 1

past vice president of the Lonesome Pine Council of the Boy Scouts of America and past vice president of the Big Stone Gap, Virginia, Kiwanis Club.

The Knoxville activities are being organized by a committee with Gene C. Koonce, Knoxville Utilities Board, as chairman. Their observations of Engineers Week will be highlighted by a noon luncheon in the Main Ball Room of the University of Tennessee Student Center, February 20. Featured speaker there will be Roy Wilkins, executive secretary of National Association for the Advancement of Colored People, and well-known civil rights leader. His topic will be "Part Engineers Can Play in Solving Problems of Urban America." Tickets are \$2.25 for this luncheon and may be purchased from representatives of the Knoxville Technical Society or at the door. As, in the Oak Ridge activity, all interested persons are invited to attend.

In Oak Ridge, various activities for Engineers Week are being coordinated by Jim Gregory, from TSPE, as chairman. Other members of the committee consist of John P. Sanders, AICHE; Lee Haack, ASME; T. W. Robinson, ASTM; S. E. Groothuis, IEEE; and R. V. Anderson, ISA.

As former president Johnson said in saluting engineers, "Today, we take for granted that skilled engineering can routinely assure us of safe urban water supplies and efficient sanitation systems. We give little thought to our dependence on engineers to safeguard our public health. But there are new challenges to this generation of engineers. We must the best of our technology to preserving the health of our environment."

Engineers Week always falls during the week in which George Washington's birthday falls. Our first president, himself an engineer, set the high standards for this country's professional engineers.

The Engineers' Creed reads as follows:

As a Professional Engineer, I dedicate my professional knowledge and skill to the advancement



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J. D. BROWN, General Shop Inspection, is right proud of his grandchildren ... Kristen Bailey, born August 10, to Jan Brown Bailey, Middlesboro; and Stephen Whitson, born November 19, the son of Judi Brown Whitson, on Ball Road, Knoxville. Steve is the only grandson, along with three granddaughters, which makes him sorter extra special.

and betterment of human welfare. I Pledge:

- To give the utmost of performance;
- To participate in none but honest enterprise;
- To live and work according to the laws of man and the highest standards of professional conduct;
- To place service before profit, the honor and standing of the professional before personal advantage, and the public welfare above all other considerations.

In humility and with need for Divine Guidance, I make this pledge.

Sunflowers' Halsey Paces 2nd Placers

The Rollmasters rolled over the Instrument Engineers by three points last week to keep tight hold on the lead in the C Bowling League.

The Big Five brushed by the Fireballs for four, the Parbusters passed the Invalids by the same count. Also taking four were the Royal Flush by the Badgers.

The Sunflowers and Hilifers shared two, as the Jokers Five overcame the Rounders by three.

J. W. Halsey, Sunflowers, bowled like a pro in singles ... 257 scratch, 276 handicap. Bill Ladd, Rollmasters, rolled a 658 scratch series ... and Halsey had a 710 handicap series.

The Sunflowers swept all team honors ... high for the second half, and high in anybody's game ... singles of 1018 scratch, 1132 handicap ... 2674 series in scratch; 3016 in handicap.

League standings follow:

Team	W	L
Rollmasters	21	7
Sunflowers	18	10
Big Five	14	10
Badgers	16	12
Rounders	15	13
Parbusters	14	14
Fireballs	14	14
Jokers Five	12	12
Hilifers	13½	14½
Instrument Engineers	12	16
Invalids	7½	20½
Royal Flush	7	21

If you marry or remarry, be certain to complete the "Data Report on Spouse."

SAFETY SCOREBOARD

The Y-12 Plant Has
Operated
79 Days Or
2,329,000 Man-Hours
(Unofficial Estimate)
Through February 9
Without A Disabling Injury
SAFETY AT HOME,
AT WORK, AT PLAY



THE NEW BOARD OF DIRECTORS of Y-12's Credit Union (not really ... just the old one, with newly reelected 'old ones' also.) Seated from left are C. V. Ketron, Mrs. Lorena Causey, and Paul Blakely. Standing are Jim Moorhead, Tom Stephens, Dick Loveless and Harley Orange. Ketron, Loveless and Mrs. Causey were reelected at the annual meeting held recently in Oak Ridge.